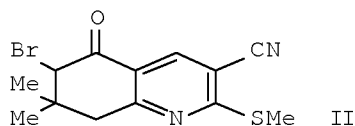
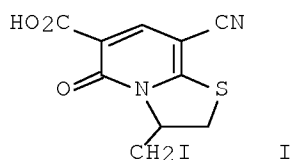
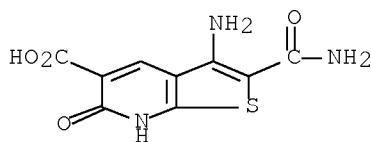


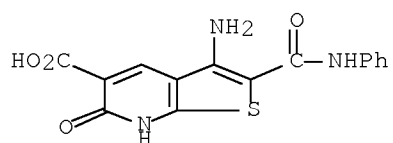
TITLE: Anilinomethylidene derivatives of cyclic
 1,3-dicarbonyl compounds in the synthesis of new
 sulfur-containing pyridines and quinolines
 AUTHOR(S): Dotsenko, V. V.; Krivokolysko, S. G.; Chernega, A. N.;
 Litvinov, V. P.
 CORPORATE SOURCE: East-Ukrainian National University, Luhansk, 91034,
 Ukraine
 SOURCE: Russian Chemical Bulletin (Translation of Izvestiya
 Akademii Nauk, Seriya Khimicheskaya) (2002), 51(8),
 1556-1561
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 PUBLISHER: Kluwer Academic/Consultants Bureau
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 GI



AB Simple methods for the synthesis of previously unknown sulfur-containing
 pyridin-2-ones, e.g. I, and 5,6,7,8-tetrahydroquinolines, e.g. II, from
 cyanothioacetamide and anilinomethylidene derivs. of cyclic 1,3-dicarbonyl
 compds. were developed. Structures and chemical transformations of compds.
 obtained were studied. Crystal structure of I is reported.
 IT 369393-07-7P 439946-18-6P 439946-22-2P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (anilinomethylidene derivs. of cyclic 1,3-dicarbonyl compds. in
 synthesis of sulfur-containing pyridines and quinolines via
 cyclocondensation, bromination, and regioselective S-alkylation)
 RN 369393-07-7 CAPLUS
 CN Thieno[2,3-b]pyridine-5-carboxylic acid, 3-amino-2-(aminocarbonyl)-6,7-
 dihydro-6-oxo- (CA INDEX NAME)



RN 439946-18-6 CAPLUS
 CN Thieno[2,3-b]pyridine-5-carboxylic acid, 3-amino-6,7-dihydro-6-oxo-2-
 [(phenylamino)carbonyl]- (CA INDEX NAME)



RN 439946-22-2 CAPLUS

CN Thieno[2,3-b]pyridine-5-carboxylic acid, 3-amino-2-benzoyl-6,7-dihydro-6-oxo- (CA INDEX NAME)

